

Transfer Agreement

Seminole State College: A.S. Computer Science

And

University of Central Oklahoma: B.S. Computer Science

Major Code: 6100

Seminole State College

ENG 1113 Principles of English Composition I
ENG 1213 Principles of English Composition II
GOV 1113 American National Government
HIST 1483 American History Survey to 1877 **or**
HIST 1493 American History Survey since 1877

4 Hours of Life Science, including lab:
(*Principles of Biology, General Biology, Zoology, Botany*)

and

4 Hours of Physical Science, including lab:
(*CHEM 1315 General Chemistry I, PHYS 2114 General Physics/lab*)

Humanities 6 hrs.

MATH 1513 College Algebra

CAP 1103 Introduction to Microsoft Office

HPER 1012 Wellness and Human Development or

HPER Activity courses 2 hrs.

SPCH 1143 Fundamentals of Speech

SOC 1101 Freshman Seminar (or SOC 1003)

Elective from Psychology, Social Sciences, World Languages, and Fine Arts

Major Field Requirements:

CAP 2603 Advanced Microsoft Access

CS 1113 Programming in Visual Basics

CS 1183 Information Security

CS 1313 Programming in Java

CS 2013 Programming in C++

Major Field Electives and Support:

MATH 1613 Trigonometry

MATH 2215 Calculus and Analytic Geometry I

Total 64 hours

To include additional course work as stated in the SSC catalog.

UCO

ENG 1113 English Composition
ENG 1213 English Composition and Research
POL 1113 American National Government
HIST 1483 History of U.S. to 1877 **or**
HIST 1493 History of U.S. since 1877

Applied to Elective Science/Math area below

MATH 1513 College Algebra

Elective

SSC A.S. degree completes UCO

University Core

MCOM 1113 Fundamentals of Speech

Elective

CMSC 2413 Visual Programming (Elec)

Elective

CMSC 1513 Beginning Programming

CMSC 1613 Programming I

MATH 1593 Plane Trigonometry

MATH 2313 Calculus 1

Remaining University of Central Oklahoma courses:..... 63-64

Major Requirements

Computer Science	63-64
Required.....	50
^ CMSC 1621	Programming I Laboratory
^ CMSC 2123	Discrete Structures
^ CMSC 2613	Programming II
^ CMSC 2833	Computer Organization I
^ SE 3103	Object Oriented Software Design and Construction
^ CMSC 3613	Data Structures and Algorithms
^ CMSC 3833	Computer Organization II
^ CMSC 4003	Applications of Database Management Systems
^ CMSC 4023	Programming Languages OR
^ CMSC 4173	Translator Design
^ CMSC 4153	Operating Systems
^ CMSC 4273	Theory of Computing
^ SE 4283	Software Engineering I
^ CMSC 4401	Ethics in Computing
^*CMSC 4513	Software Design and Development
^ MATH 2323	Calculus 2
^ MATH 2333	Calculus 3
^ MATH 3143	Linear Algebra
^ STAT 2113	Statistical Methods OR
^ STAT 2103	Introduction to Statistics for Sciences OR
^ STAT 4113	Mathematical Statistics 1

^ A grade of 'C' or better must be earned in all required CMSC, SE, MATH, and STAT courses.

* CMSC 4513 is recommended to be taken in the last semester prior to graduation.

Elective Science/Math Courses3 (If CHEM 1315 was taken in Gen Ed) or.....4 (If PHYS 2114 was taken in Gen Ed) for a total of 8 hours minimum in this area, including at least one lab course.

- CHEM 1103 General Chemistry I
 - CHEM 1112 General Chemistry I Recitation/Laboratory
 - CHEM 1223 General Chemistry II
 - CHEM 1232 General Chemistry II Recitation/Laboratory
 - PHY 1114 General Physics I and Laboratory
 - PHY 1214 General Physics II and Laboratory
 - PHY 2014 Physics for Science & Engineering I and Lab
 - PHY 2114 Physics for Science & Engineering II and Lab
- Any non-required 2/3/4000 level MATH or STAT course with the following exceptions: MATH 2013, 2053, 2113, 2123, 2133, 2153, 2743, 3323, or 4843.

Elective CMSC or SE courses..... 10

Select from the following:

- CMSC 2621 Programming II Laboratory
 - CMSC 3621 Data Structures/Algorithms Laboratory
- Any 3/4000 level CMSC or SE courses

In addition to CMSC 2621 and 3621, an additional 6 hours of CMSC or SE electives may be taken at the 2000 level.

SE 4513 may not be used to satisfy the CMSC or SE elective requirement.

No more than four (4) hours of Internship and Individual Study combined may be used to satisfy the CMSC or SE elective requirement.

Credit cannot be received for both CMSC 3303 and SE 4283.

Electives to bring total to 124

Minimum Grade Requirements

Average in (a) all college course work, (b) course work at UCO, and (c) major courses.....2.00

Students must meet all bachelor degree requirements at UCO to include minimums of:

40 hours of upper division coursework

30 hours in residence at UCO

15 of the last 30 hours must be taken in residence at UCO

60 hours from baccalaureate granting institutions

Additional degree requirements can be found in the UCO Undergraduate Catalog.

Program-to-Program Transfer policies are available in the Introduction for Program-to-Program Agreements on the UCO website at the top of the list of agreements. Links to the agreements can be found on the Academic Affairs or Transfer Student Support web pages.